

UDOT Using ‘ABC’ Techniques to Move Longest Two-Span Bridge Via ‘SPMT’ in the Western Hemisphere on March 26

I-15 Will be Closed in Both Directions Overnight for Historical Bridge Move; Public Invited to Watch

LEHI, UTAH (March 23, 2011) —UDOT’s Utah County I-15 Corridor Expansion (I-15 CORE) and contractor, Provo River Constructors (PRC), will make history Saturday, March 26. Crews will move the Sam White Bridge from the east side of the freeway into place over Interstate 15 in American Fork, Utah, in one night. It will be the longest two-span bridge ever moved by Self Propelled Modular Transporters (SPMTs) in the Western Hemisphere. The move will require a full closure of I-15 from Saturday at 11 p.m. to Sunday at 10 a.m. and the public is invited to attend.

Sam White Bridge Move

The move, part of UDOT’s \$1.725 billion I-15 CORE freeway reconstruction project, will involve precise coordination as the 354-foot, 3.8 million-pound structure’s two spans are hoisted 21 feet in the air and moved simultaneously using two sets of SPMTs, which are hydraulic jacks on wheels controlled by a single joystick. The Sam White Bridge will move from an adjacent “bridge farm,” where it was built using Accelerated Bridge Construction (ABC), 500 feet across eight freeway lanes before being placed onto support columns already constructed over I-15.

Construction of the bridge began in July 2010. This technology reduces delays from months to days to meet the project’s aggressive three-year timeline. Employing this innovative approach at the Sam White Bridge eliminates the need for as many as 10 full freeway closures, reduces traffic delays and aids the state’s economic recovery by keeping people, goods and services moving during construction of the freeway.

The Sam White Bridge will be UDOT’s 23rd ABC bridge move. Representatives from other state Departments of Transportation, the Federal Highway Administration and the local and national transportation industry will be attending the move to learn from UDOT’s worldwide leadership using this innovation. UDOT has moved nearly double the number of ABC bridges than all other states combined.

I-15 Closure in Both Directions

To accommodate the bridge move, I-15 will be closed in both directions between the American Fork Main Street and Pleasant Grove Boulevard interchanges on Saturday, March 26, starting at 11 p.m. until Sunday, March 27, at 10 a.m. Lane restrictions will begin at 10 p.m. The marked detour route for the closure will be American Fork Main Street to State Street to 2000 West in Pleasant Grove to Pleasant Grove Blvd. Please be advised Geneva Road at I-15 will also be closed that evening so drivers should follow the suggested detour routes for the most efficient travel time. A detour map is available at udot.utah.gov/i15core.

Public Viewing Area

The public is invited to attend this historic bridge move starting at 11 p.m. The public viewing area will be in the parking lot of the Utah Valley Business Park just east of the bridge farm in American Fork. No seating will be provided, but attendees are encouraged to bring their own chairs and

blankets. More details on the bridge move and a map to the public viewing site are available at udot.utah.gov/i15core/bridge.

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Construction activities and dates are subject to change. Dates are weather-permitting and could change with short notice. Please check the I-15 CORE website (udot.utah.gov/i15core) or the project's Twitter feed (twitter.com/i15core) for the latest information.

About UDOT's I-15 CORE and the Sam White Bridge

The Sam White Bridge, located 30 miles south of Salt Lake City, is one of 63 new, modified or rebuilt structures on the \$1.725 billion, 24-mile interstate reconstruction project. The state-funded project will reconstruct 24 miles from Lehi to Spanish Fork to meet transportation demands through the year 2030. This area of I-15 connects the northern and southern halves of the state as well as through travel from surrounding states. Currently, design is nearly 100 percent complete and construction just under 30 percent done and the project is on schedule for the December 2012 finish deadline. For more information on UDOT's largest project in state history, visit udot.utah.gov/i15core.